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## CLAIMS

- 1. A method of decreasing body weight in a patient, said method comprising administering a therapeutically effective amount of somatostatin or a somatostatin agonist to said patient.
  - 2. A method of claim 1, wherein said method comprises administering a therapeutically effective amount of a somatostatin agonist to said patient.
- 3. A method of claim 2, wherein said somatostatin agonist is a somatostatin type-2 receptor agonist.
  - 4. A method of claim 2, wherein said somatostatin agonist is a somatostatin type-5 receptor agonist.
- 5. A method of claim 3, wherein said somatostatin
  type-2 receptor agonist has a Ki of less than 2 nM for
  the somatostatin type-2 receptor.
  - 6. A method of claim 4, wherein said somatostatin type-5 receptor agonist has a Ki of less than 2 nM for the somatostatin type-5 receptor.
- 7. A method of claim 2, wherein said somatostatin agonist is a somatostatin type-2 receptor selective agonist.
  - 8. A method of claim 2, wherein said somatostatin agonist is a somatostatin type-5 receptor selective agonist.
  - 9. A method of claim 7, wherein said somatostatin type-2 receptor selective agonist has a Ki for the somatostatin type-2 receptor that is at least 10 times less than the Ki for the somatostatin type-1, type-3, type-4, and type-5 receptors.

10. A method of claim 8, wherein said somatostatin type-5 receptor selective agonist has a Ki for the somatostatin type-5 receptor that is at least 10 times less than the Ki for the somatostatin type-1, type-2, type-3, and type-4 receptors.

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- 11. A method of decreasing body weight in a patient, said method comprising administering a therapeutically effective amount of H-Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-Cys-NH<sub>2</sub>, wherein a disulfide bond exists between the free thiols of two Cys residues.
- 12. A method of claim 1, wherein said patient is an non-insulin-dependent diabetic human.
- 13. A method of claim 2, wherein said patient is an non-insulin-dependent diabetic human.
- 15 14. A method of claim 3, wherein said patient is an non-insulin-dependent diabetic human.
  - 15. A method of claim 4, wherein said patient is an non-insulin-dependent diabetic human.
- 16. A method of claim 5, wherein said patient is an non-insulin-dependent diabetic human.
  - 17. A method of claim 6, wherein said patient is an non-insulin-dependent diabetic human.
  - 18. A method of claim 7, wherein said patient is an non-insulin-dependent diabetic human.
- 25 19. A method of claim 8, wherein said patient is an non-insulin-dependent diabetic human.
  - 20. A method of claim 9, wherein said patient is an non-insulin-dependent diabetic human.
- 21. A method of claim 10, wherein said patient is an non-insulin-dependent diabetic human.

22. A method of claim 11, wherein said patient is an non-insulin-dependent diabetic human.

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A method according to claim 1 wherein the
     omatostatin agonist is
   H-D-\beta-Nal-Cys-Tyr-D-Trp-Lys-Thr-Cys-Thr-NH_2,
   \label{eq:hopping} \text{H-D-Phe-Cys-Phe-D-Trp-L} \\ \text{ys-Thr-Cys-} \\ \beta \text{-Nal-NH}_2 \text{,}
   \label{eq:hope-cys-Tyr-D-Trp-Lys-Thr-Cys-} H-D-Phe-Cys-Tyr-D-Trp-Lys-Thr-Cys-\beta-Nal-NH_2,
   H-D-\beta-Nal-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH<sub>2</sub>,
   H-D-Phe-Cys-Tyr-D-Trp-Ly$-Thr-Pen-Thr-NH2,
   H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Pen-Thr-NH2,
   H-D-Phe-Cys-Tyr-D-Trp-Lys-Thr-Pen-Thr-OH,
   H-D-Phe-Cys-Phe-D-Trp-Lys Thr-Pen-Thr-OH,
    H-Gly-Pen-Phe-D-Trp-Lys-Thr-Cys-Thr-OH,
    H-Phe-Pen-Tyr-D-Trp-Lys-Thr-Cys-Thr-OH,
    H-Phe-Pen-Phe-D-Trp-Lys-Tht-Pen-Thr-OH,
    H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-ol
    H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH_2,
    H-D-Trp-Cys-Tyr-D-Trp-Lys-Val-Cys-Thr-NH2,
    H-D-Trp-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH2,
    H-D-Phe-Cys-Tyr-D-Trp-Lys-Vat-Cys-Thr-NH2,
20
    H-D-Phe-Cys-Tyr-D-Trp-Lys-Val-Cys-Trp-NH2,
    H-D-Phe-Cys-Tyr-D-Trp-Lys-Val Cys-Thr-NH2,
    Ac-D-Phe-Lys'-Tyr-D-Trp-Lys-Vall-Asp-Thr-NH2 (an amide
    bridge formed between Lys and Asp),
    Ac-hArg(Et)<sub>2</sub>-Gly-Cys-Phe-D-Trp+Lys-Thr-Cys-Thr-NH<sub>2</sub>,
25
    Ac-D-hArg(Et)2-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH2,
    Ac-D-hArg(Bu)-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH2,
    Ac-D-hArg(Et)<sub>2</sub>-Cys-Phe-D-Trp-Ly$-Thr-Cys-Thr-NH<sub>2</sub>,
    Ac-L-hArg(Et)2-Cys-Phe-D-Trp-Lyd-Thr-Cys-Thr-NH2,
    Ac-D-hArg(CH_2CF_3)_2-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH_2,
30
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Ac-D-hArg(CH2CF3)2-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH2,
          Ac-D-hArg(CH<sub>2</sub>CF<sub>3</sub>)<sub>2</sub>-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Phe-NH<sub>2</sub>,
          Ac-D-hArg(CH2CF3)2-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NHEt,
          Ac-L-hArg(CH<sub>2</sub>-CF<sub>3</sub>)<sub>2</sub>-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH<sub>2</sub>,
          Ac-D-hArg(CH<sub>2</sub>CF<sub>3</sub>)<sub>2</sub>-Gly-Cys-Ph&-D-Trp-Lys(Me)-Thr-Cys-Thr-
 5
          NH<sub>2</sub>,
          Ac-D-hArg(CH2CF3)2-Gly-Cys-Phe-D-Trp-Lys(Me)-Thr-Cys-Thr-
          NHEt.
          Ac-hArg(CH<sub>3</sub>, hexyl)-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH<sub>2</sub>,
          H-hArg(hexyl<sub>2</sub>)-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Thr-NH.,
10
          Ac-D-hArg(Et) 2-Gly-Cys-Phe-p-Trp-Lys-Thr-Cys-Thr-NHEt,
          Ac-D-hArg(Et)2-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Phe-NH2,
          Propionyl-D-hArg(Et)2-Gly-Qys-Phe-D-Trp-Lys(iPr)-Thr-Cys-
          Thr-NH2,
          Ac-D-β-Nal-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-Gly-hArg(Et)<sub>2</sub>-
          NH<sub>2</sub>,
          Ac-D-Lys(iPr)-Gly-Cys-Phe+D-Trp-Lys-Thr-Cys-Thr-NH2,
          Ac-D-hArg(CH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(CH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-Gly-Cys-Phe-D-Trp-Lys-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-D-hArg(dH_2CF_3)_2-
          Thr-Cys-Thr-NH2,
          20
           Thr-Cys-Phe-NH2,
           Ac-D-hArg(Et),-D-hArg(Et),-Gly-Cys-Phe-D-Trp-Lys-Thr-Cys-
           Thr-NH2,
           Ac-Cys-Lys-Asn-4-Cl-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-Ser-D-
25
          Cys-NH2,
           H-Bmp-Tyr-D-Trp-Lys-Val-Cys-Thr-NH2,
           H-Bmp-Tyr-D-Trp-Lys-Val+Cys-Phe-NH2,
           H-Bmp-Tyr-D-Trp-Lys-Val|-Cys-p-Cl-Phe-NH2,
           H-Bmp-Tyr-D-Trp-Lys-Val|-Cys-\beta-Nal-NH_2,
           H-D-\beta-Nal-Cys-Tyr-D-Trpl-Lys-Val-Cys-Thr-NH<sub>2</sub>,
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RECTIFIED SHEET (RULE 91)
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H-D-Phe-Cys-Tyr-D-Trp-Lys-Abu-Cys-Thr-NH2,
    H-D-Phe-Cys-Tyr-D-Trp-Lys-Abu-Cys-\beta-Nal-NH_2,
    H-pentafluoro-D-Phe-Cys-Tyr-D-Trp-Lys-Val-Cys-Thr-NH2,
    Ac-D-β-Nal-Cys-pentafiluoro-Phe-D-Trp-Lys-Val-Cys-Thr-NH<sub>2</sub>,
    H-D-\beta-Nal-Cys-Tyr-D-Trp-Lys-Val-Cys-\beta-Nal-NH<sub>2</sub>,
    H-D-Phe-Cys-Tyr-D-Trp-Lys-Val-Cys-β-Nal-NH<sub>2</sub>,
    H-D-\beta-Nal-Cys-Tyr-D-Trp-Lys-Abu-Cys-Thr-NH<sub>2</sub>,
    H-D-p-Cl-Phe-Cys-Tyr-D-Trp-Lys-Abu-Cys-Thr-NH2,
    Ac-D-p-Cl-Phe-Cys-Tyr-D-Trp-Lys-Abu-Cys-Thr-NH<sub>2</sub>,
    H-D-Phe-Cys-β-Nal-D-Trp-Lys-Val-Cys-Thr-NH<sub>2</sub>,
10
    H-D-Phe-Cys-Tyr-D-Trp-Lys-Cys-Thr-NH2,
    cyclo(Pro-Phe-D-Trp-N-Me-Lys-Thr-Phe),
    cyclo(Pro-Phe-D-Trp-N+Me-Lys-Thr-Phe),
    cyclo (Pro-Phe-D-Trp-Lys-Thr-N-Me-Phe),
15
    cyclo(N-Me-Ala-Tyr-D-Trp-Lys-Thr-Phe),
    cyclo(Pro-Tyr-D-Trp-Lys-Thr-Phe),
    cyclo(Pro-Phe-D-Trp-Lyb-Thr-Phe),
    cyclo(Pro-Phe-L-Trp-Lys-Thr-Phe),
    cyclo(Pro-Phe-D-Trp(F)-Lys-Thr-Phe),
    cyclo(Pro-Phe-Trp(F)-Lyb-Thr-Phe),
20
    cyclo(Pro-Phe-D-Trp-Lys+Ser-Phe),
    cvclo(Pro-Phe-D-Trp-Lys-Thr-p-Cl-Phe),
    cyclo(D-Ala-N-Me-D-Phe-D-Thr-D-Lys-Trp-D-Phe),
    cvclo(D-Ala-N-Me-D-Phe-D-Val-Lys-D-Trp-D-Phe),
    cvclo(D-Ala-N-Me-D-Phe-D-Thr-Lys-D-Trp-D-Phe),
25
    cyclo(D-Abu-N-Me-D-Phe-D-Val-Lys-D-Trp-D-Tyr),
    cyclo(Pro-Tyr-D-Trp-t-4-AdhxAla-Thr-Phe),
    cyclo(Pro-Phe-D-Trp-t-4-AchxAla-Thr-Phe),
    cyclo(N-Me-Ala-Tyr-D-Trp-Lys-Val-Phe),
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RECTIFIED SHEET (RULE 91)

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cyclo(N-Me-Ala-Tyr-D-Trp-t-4-AchxAla-Thr-Phe),
      cyclo(Pro-Tyr-D-Trp-4-Amphe-Thr-Phe),
     cyclo(Pro-Phe-D-Trp-4\fAmphe-Thr-Phe),
     cyclo(N-Me-Ala-Tyr-D-Trp-4-Amphe-Thr-Phe),
    cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba),
     cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba-Gaba),
     cyclo(Asn-Phe-D-Trp-Ly$-Thr-Phe),
     cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-NH(CH2),CO),
     cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-\beta-Ala),
     cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-D-Glu)-OH,
 10
     cyclo(Phe-Phe-D-Trp-Lys-Thr-Phe),
     cyclo(Phe-Phe-D-Trp-Lys-Thr-Phe-Gly),
     cyclo(Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba),
     cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Gly),
    cyclo(Asn-Phe-Phe-D-Trpi(F)-Lys-Thr-Phe-Gaba),
 15
    cyclo(Asn-Phe-Phe-D-Trp(NO2)-Lys-Thr-Phe-Gaba),
    cyclo(Asn-Phe-Phe-Trp(B#)-Lys-Thr-Phe-Gaba),
    cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Phe(I)-Gaba),
    cyclo(Asn-Phe-Phe-D-Trp-Lys-Thr-Tyr(But)-Gaba),
    cyclo(Bmp-Lys-Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-Pro-Cys)-
20
    OH,
    cyclo(Bmp-Lys-Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-Pro-Cys)-
    cyclo(Bmp-Lys-Asn-Phe-Phe+D-Trp-Lys-Thr-Phe-Thr-Tpo-Cys)-
25
    cyclo(Bmp-Lys-Asn-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-MeLeu-
    Cys) -OH,
    cyclo(Phe-Phe-D-Trp-Lys-Tht-Phe-Phe-Gaba),
    cyclo(Phe-Phe-D-Trp-Lys-Thr-Phe-D-Phe-Gaba),
   cyclo(Phe-Phe-D-Trp(5F)-Lys+Thr-Phe-Phe-Gaba),
30
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RECTIFIED SHEET (RULE 91)
ISA/EP

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cyclo(Asn-Phe-Phe-D-Trp-Lys(Ac)-Thr-Phe-NH-(CH<sub>2</sub>)<sub>3</sub>-CO), cyclo(Lys-Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba), cyclo(Lys-Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba), cyclo(Orn-Phe-Phe-D-Trp-Lys-Thr-Phe-Gaba), H-Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-Cys-NH<sub>2</sub>, H-Cys-Phe-Phe-D-Trp-Lys-Ser-Phe-Cys-NH<sub>2</sub>, H-Cys-Phe-Tyr-D-Trp-Lys-Thr-Phe-Cys-NH<sub>2</sub> or H-Cys-Phe-Tyr(I)-D-Trp-Lys-Thr-Phe-Cys-NH<sub>2</sub>.
```

24. A method according to claim 1 wherein the somatostatin agonist is

$$R_1$$
\
A<sup>1</sup>-A<sup>2</sup>-A<sup>3</sup>-D-Trp-Lys-A<sup>6</sup>-A<sup>7</sup>-A<sup>8</sup>-R<sub>3</sub>

15 wherein

 $A^1$  is a D- or L- isomer of Ala, Leu, Ile, Val, Nle, Thr, Ser,  $\beta$ -Nal,  $\beta$ -Pal, Trp, Phe, 2,4-dichloro-Phe, pentafluoro-Phe, p-X-Phe, or o-X-Phe, wherein X is  $CH_3$ , Cl, Br, F, OH,  $OCH_3$  or  $NO_2$ ;

 $A^2$  is Ala, Leu, Ile, Val, Nle, Phe,  $\beta$ -Nal, pyridyl-Ala, Trp, 2,4-dichloro-Phe, pentafluoro-Phe, o-X-Phe, or p-X-Phe, wherein X is  $CH_3$ , Cl, Br, F, OH,  $OCH_3$  or  $NO_2$ ;

A<sup>3</sup> is pyridyl-Ala, Trp, Phe, β-Nal, 2,4-dichloro-Phe, pentafluoro-Phe, o-X-Phe, or p-X-Phe, wherein X is CH<sub>3</sub>, Cl, Br, F, OH, OCH<sub>3</sub> or NO<sub>2</sub>;

 $A^6$  is Val, Ala, Leu, Ile, Nle, Thr, Abu, or Ser;  $A^7$  is Ala, Leu, Ile, Val, Nle, Phe,  $\beta\text{-Nal},$ 

pyridyl-Ala, Trp, 2,4-dichloro-Phe, pentafluoro-Phe, o-X-Phe, or p-X-Phe, wherein X is CH<sub>3</sub>, Cl, Br, F, OH, OCH<sub>3</sub> or NO<sub>2</sub>;

5

 $A^8$  is a D- or L-isomer of Ala, Leu, Ile, Val, Nle, Thr, Ser, Phe,  $\beta$ -Nal, pyridyl-Ala, Trp, 2,4-dichloro-Phe, pentafluoro-Phe, p-X-Phe, or o-X-Phe, wherein X is  $CH_3$ , Cl, Br, F, OH,  $OCH_3$  or  $NO_2$ ;

each  $R_1$  and  $R_2$ , independently, is H, lower acyl or lower alkyl; and  $R_3$  is OH or  $NH_2$ ; provided that at least one of  $A^1$  and  $A^8$  and one of  $A^2$  and  $A^7$  must be an aromatic amino acid; and further provided that  $A^1$ ,  $A^2$ ,  $A^7$  and  $A^8$  cannot all be aromatic amino acids.

25. A method according to claim 24 wherein the linear somatostatin agonist is

H-D-Phe-p-chloro-Phe-Tyr-D-Trp-Lys-Thr-Phe-Thr-NH2,

H-D-Phe-p-NO<sub>2</sub>-Phe-Tyr-D-Trp-Lys-Val-Phe-Thr-NH<sub>2</sub>,

H-D-Nal-p-chloro-Phe-Tyr-D-Trp-Lys-Val-Phe-Thr-NH2,

15 H-D-Phe-Phe-Phe-D-Trp-Lys-Thr-Phe-Thr-NH2,

H-D-Phe-Phe-Tyr-D-Trp-Lys-Val-Phe-Thr-NH2,

H-D-Phe-p-chloro-Phe-Tyr-D-Trp-Lys-Val-Phe-Thr-NH2 or

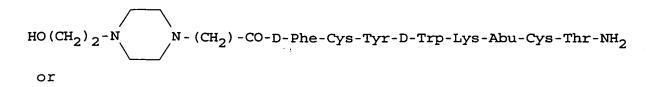
 $H-D-Phe-Ala-Tyr-D-Trp-Lys-Val-Ala-\beta-D-Nal-NH<sub>2</sub>.$ 

26. A method according to claim 1 wherein the 20 somatostatin agonist is

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- 27. A method according to claim 1 wherein said patient is obese.
- 28. A method according to claim 3 wherein said patient is obese.
- 29. A method according to claim 4 wherein said patient is obese.
- 30. A method according to claim 7 wherein said patient is obese.
- 31. A method according to claim 8 wherein said patient is obese.
- 32. A method according to claim 11 wherein said patient is obese.
- 20 33. A pharmaceutical or cosmetic composition comprising a therapeutically or cosmetically effective amount of somatostatin; or a somatostatin agonist; or H-Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-Cys-NH<sub>2</sub> wherein a disulfide bond exists between the free thiols of the two Cys residues.
  - 34. A pharmaceutical composition as claimed in claim 33 having the features identified in any one of claims 3 to 10 and 23 to 26.



- 35. Use of a somatostatin, or a somatostatin agonist; or H-Cys-Phe-Phe-D-Trp-Lys-Thr-Phe-Cys-NH<sub>2</sub> wherein a disulfide bond exists between the free thiols of the two Cys residues, in the formulation of a pharmaceutical or cosmetic composition for use in reducing excessive body weight in a human or mammalian animal.
- 36. Use of a somatostatin, or a somatostatin agonist according to claim 35, wherein said somatostatin or somatostatin agonist has the relevant features identified in any one of claims 3 to 10 and 23 to 26.
- 37. A pharmaceut cal composition substantially as hereinbefore described with reference to the Examples.